

## IN THE SPECIFICATION:

On page 1, immediately after the title, please insert the following paragraph and heading as follows:

This specification for the instant application should be granted the priority date of August 13, 2003, the filing date of the corresponding German patent application 103 37 378.0 as well as the priority date of 12 August 2004, the filing date of the corresponding International patent application PCT/EP2004/009035.

### Background of the Invention.

On page 1, lines 4 -7, please amend this paragraph to read as follows:

The present invention relates to a device for the UV treatment of flowing media, in particular to a device for the UV disinfection of drinking water or waste water, ~~having the features of the pre-characterizing clause of Claim 1.~~

On page 1, lines 13 – 24, please amend this paragraph as follows:

The general technical background of the present invention relates to UV disinfection systems. A distinction must firstly be drawn between UV disinfection systems comprising medium-pressure emitters, which are not the subject of the present invention, and systems of this type comprising low-pressure mercury UV emitters ~~as specified in the pre-characterizing clause of Claim 1.~~ The systems comprising medium-pressure emitters conventionally have few emitter units, which are distinguished by high UV radiation power with correspondingly increased electrical power consumption. As there are, in this case, only a few emitters, separate monitoring of each individual emitter is easily possible. In the case of medium-pressure emitters, the cost of this monitoring is low compared to other expenses and equipment costs.

On page 3, line 17, please insert the following heading:

~~--Summary of the Invention--~~

On page 3, line 18, please amend this paragraph to read as follows:

This object is achieved by a device having ~~the features of Claim 1a~~ a plurality of UV emitters that are disposed in the flow channel, at least one UV sensor adapted to monitor the operating state of the emitters, at least one power supply means for supplying power to the emitters, wherein the power supply means is configured to modulate an operating voltage, for individual ones of the emitters or groups of the emitters, that is supplied to the emitters during operation, and at least one unit, connected with the UV sensor, for monitoring the emitters, wherein the unit is configured to evaluate a modulation contained in the UV radiation emitted by the emitters.

On page 6, line 9, please insert the following heading:

--Brief Description of the Drawings--

On page 6, at line 18, please insert the following heading:

--Description of Specific Embodiments--.

On page 12, after line 22, please insert the following two new paragraphs:

--The specification incorporates by reference the disclosure of German priority document 103 37 378.0 filed August 13, 2003 and PCT/EP2004/009035 filed August 12, 2004.

The present invention is, of course, in no way restricted to the specific disclosure of the specification and drawings, but also encompasses any modifications within the scope of the appended claims.--

In addition, please delete the existing abstract and replace with the attached abstract as follows:

## Abstract

~~The invention relates to a method for the operation of a UV disinfection device, including the following steps:~~

- ~~a) — supplying the emitters with an operating voltage for the purposes of ignition and for the continuous operation of the emitters;~~
- ~~b) — modulating the operating voltage of at least one emitter;~~
- ~~c) — detecting the UV radiation that is emitted by the emitters using a UV sensor, which is capable of temporally resolving the modulation;~~
- ~~d) — evaluating the signal recorded by the UV sensor;~~
- ~~e) — checking whether the modulation in the signal issued by the UV sensor corresponds to a desired value.~~